



U.S. Department of Energy
Office of Legacy Management
Categorical Exclusion Determination Form



Program or Field Office: Office of Legacy Management

Project Title and I.D. No.: Install Four New Groundwater Monitoring Wells at the Shiprock, New Mexico, Disposal Site.

Location: Shiprock, New Mexico

Proposed Action or Project Description:

DOE proposes to use a Geoprobe rig to install four groundwater monitoring wells to an approximate depth of 20 to 30 feet below ground surface. The groundwater monitoring wells will be located approximately 10 feet west of the existing groundwater monitoring wells, if possible. Existing local roads provide access to the four proposed drilling locations.

A literature search (Class I) and pedestrian archaeological survey (Class III) were conducted for a 150-foot circle centered on each unsurveyed well location. No historic properties were identified. The Navajo Nation Historic Preservation Department concurred with this finding on February 16, 2016.

The proposed wells would be installed within 10 feet of existing groundwater monitoring wells. The installation of the new wells would take place within areas where the vegetation has been disturbed and largely removed through past well installation and maintenance activity.

Categorical Exclusion(s) Applied:

B3.1 – Site characterization and environmental monitoring (surface water and groundwater)

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer:

Date Determined: